



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 8]

नई दिल्ली, शनिवार, फरवरी 20, 1965 (फालगुना 1, 1886)

No. 8]

NEW DELHI, SATURDAY, FEBRUARY 20, 1965 (PHALGUNA 1, 1886)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
 Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस।

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

**THE PATENT OFFICE**  
**Patents and Designs**

Calcutta, the 20th February 1965

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

30th January 1965

97672. O. P. Dhaulja. Om automatic fire extinguisher.

97673. L. S. Wakankar, and S. Ranu. Improved system of making matrices or designs for composing devanagari and similar scripts.

97674. Allied Chemical Corporation. Catalyst regeneration.

97675. Rexall Drug and Chemical Company. Novel polymerization catalysts and polymerization process.

97676. Imperial Chemical Industries Limited. Copolymers and processes for preparing them. (31st January 1964).

97677. Imperial Chemical Industries Limited. Manufacture of bis-phenols. (5th February 1964).

97678. Imperial Chemical Industries Limited. New organo-phosphorous compounds and pesticidal compositions containing the same. (7th February 1964).

97679. Imperial Chemical Industries Limited. Chemical products. (18th February 1964).

97680. Rohm & Haas Company. Condensation products.

97681. G. K. N. Group Services Limited. Improvements in or relating to work locating devices. (5th February 1964).

97682. G. K. N. Group Services Limited. Improvements in or relating to mechanical handling devices (5th February 1964).

97683. Girling Limited. Improved valve for controlling relative fluid pressure in two spaces or chambers. (27th September 1962). [Divisional date 19th September 1963.]

97684. C. S. Harris. Improvements in or relating to tools for finishing surfaces. (31st January 1964).

97685. Sandoz Ltd. Improvements in or relating to organic compounds. (31st January 1964).

97686. Sandoz Ltd. Improvements in or relating to organic compounds. (31st January 1964).

97687. Instytut Nawozow Sztucznych. A method of enriching low-and medium-grade phosphorites.

97688. Ciba Limited. Manufacture of bezimidazoles.

1st February 1965

97689. Chemical Construction Corporation. Method and apparatus for separation of melamine.

97690. Chemical Construction Corporation. Catalytic synthesis of melamine.

97691. Continental Carbon Company. Carbon black agglomerator.

97692. Johnson & Johnson. Non-adherent dressing manufacture.

97693. L. Lekhraj. Neck tie.

97694. K. G. Date. Two soaps in one cake.

97695. M. J. Mehta. Manufacture of oil bound distemper in powder form.

97696. T. M. Eltvig. Thermoelectric cooling system.

97697. Girling Limited. Improvements relating to shoe drum brakes.

97698. South African Farm Implement Manufacturers Limited. Improvements relating to earth working machines. (6th February 1964).

97699. Wickman Wimet Limited. Cutting tools.

97700. Shell Internationale Research Maatschappij N. V. A grease.

97701. The English Electric Company Limited. Electrical apparatus. (5th February 1964).

97702. Minnesota Mining and Manufacturing Company. Gas seal.

97703. English Steel Corporation Limited. Improvements in or relating to automatic couplers for rail vehicles. (4th November 1964).

97704. National Research Development Corporation. Improvements relating to anticoagulants. (21st February 1964).

97705. Rocma Anstalt. Sawing machine and method.

97706. Raytheon Company. Cathode structure.

97707. Wistra Ofenbau-Gesellschaft Mit Beschränkter Haftung. Improvements relating to slide rails for furnaces.

97708. Dr. C. Otto & Comp. G.m.b.H. A method of reducing iron ores.

97709. Dr. C. Otto & Comp. G.m.b.H. A self-sealing door for horizontal coke ovens.

97710. B. A. Tamhankar. Improved pattern of open metallic cross staff.

*2nd February 1965*

97711. T. K. Sreenivasan. Improved appliance for cooking idlies.

97712. L. Mohan. Spring loaded grippers for composed types.

97713. Fiber Industries, Inc. A process for improving surface characteristics of polyester structure.

97714. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.

97715. David Brown Industries Limited. Hydrostatic fluid gear.

97716. Western Electric Company, Incorporated. Method of growing an oxide film on the surface of a silicon body. (30th June 1964).

97717. Farbenfabriken Bayer Aktiengesellschaft. A process for introducing secondary aminoalkyl groups into cross-linked aromatic vinyl polymers. (2nd December 1964).

97718. C. Pasquale. Process for opening asbestos or similar material into elementary fibers and apparatus for carrying out the process.

97719. K. A. Oesterheld. Method of and devices for producing sheets and tubes of fibrous cement or the like by winding as web of plastic mass of fibrous cement on to a sizing roll or a mandrel.

97720. Invento Aktiengesellschaft. Arrangement for the control of the desired value during the operation of retardation in lifts with rotation-speed-regulated drive system.

97721. Homes International, Inc. Building structure and apparatus and method of its manufacture.

97722. Goetzewerke Friedrich Goetze Aktiengesellschaft. Device for charging and/or discharging machine tools with packs of piston rings.

97723. Dr. C. Otto & Comp. G.m.b.H. A self-sealing door for horizontal coke ovens.

97724. Monsanto Company. Starch modifiers.

97725. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.

97726. N. V. Phillips Gloeilampenfabrieken. Improvements in or relating to new quinazolone derivatives.

97727. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing photosensitive materials.

97728. Aktiebolaget Bofors. Gun with an elevating barrel.

97729. Tecalemit (Developments Limited). Liquid fuel burner. (4th February 1964).

97730. Shell Internationale Research Maatschappij N. V. Process and apparatus for cooling tubular thermoplastic films.

97731. Etablissements Clin-Byla. Furan derivatives and production thereof.

97732. Holding Intercito SA. Apparatus for removing the covering layers from welding electrodes.

97733. C. A. V. Limited. Apparatus for supplying fuel to internal combustion engines. (11th February 1964).

97734. Aluminium Laboratories Limited. Continuous casting of metal ingots.

97735. Indian Oxygen Limited. Wire uncoiling means. (28th February 1964).

97736. Compagnie Electro-Mecanique. Improvements in electrical machines. (14th February 1964).

97737. Union Carbide Canada Limited. Machine for thermally working minerals.

*3rd February 1965*

97738. S. S. Gudhe. Domestic cooler.

97739. K. N. Subbaswami and Dr. B. D. Tilak. A process for the preparation of completely water-soluble onium dyes from azo, anthraquinonoid, indigoid thioindigoid dyes and intermediates.

97740. Dexion Limited. Improvements relating to metal flooring (4th February 1964).

97741. Letraset Limited. Transfer materials. (4th February 1964).

97742. Ball Brothers Company Incorporated. Coating of glass.

97743. VEB Arzneimittelwerk Dresden. Process for preparation of abrasionproof, non-discoloured.

97744. Rhone-Poulenc S. A. New titanium and tin derivatives.

97745. J. R. Geigy A. G. Process for the production of new aryloxy acetic acid amides.

97746. R. M. Kaltenbach. Improvements in or relating to a process for the preparation of ammonium nitrate.

97747. Brelic International Inc. Improved mechanism for the control of weft threads in shuttleless looms. (25th September 1964).

97748. Imperial Chemical Industries Limited. Crimped fibres. (5th February 1964).

97749. Imperial Chemical Industries Limited. Improvements in and relating to high compression pumps and compressors. (10th February 1964).

97750. Columbian Carbon Company. Method of dissolving elastomers.

97751. Eastman Kodak Company. Tow additives.

97752. Parke, Davis & Company. Process for the production of heterocyclic compounds and the products thereof.

97753. Amsted Industries Incorporated. Shearing machine and method.

97754. O. P. Aranya. Portable and collapsible household cooking stove.

97755. O. P. Aranya. Improvement in or relating to tiffin carrier.

97756. Sudbury Laboratory of India. Chemical Compositions for soil testing.

*5th February 1965*

97757. Biraja Bilash Paul. Improvements in or relating to evaporator design.

97758. G. C. Saini. Improvements in or relating to wicks for kerosene stoves.

97759. S. N. Saigal. Toy mono-rail.

97760. Sandoz Ltd. Improvements in or relating to organic compounds. (7th February 1964).

97761. Sandoz Ltd. Improvements in or relating to organic compounds. (7th February 1964).

97762. Standard Telephones and Cables Limited. Improvements in or relating to electroacoustic devices. (28th February 1964).

97763. Nestle's Products Limited. Flavouring agent.

97764. Marck & Co., Inc. Imidazoles and methods of making same.

97765. Takeda Chemical Industries, Limited. Barbituric acid derivatives.

97766. The Raja Bahadur Motilal Poona Mills Ltd. Improvements in or relating to guideways for moving pipes and like bodies up and down. [Divisional date 24th January 1964].

97767. The Raja Bahadur Motilal Poona Mills Ltd. Locking means for pipes or like bodies moving up and down. [Divisional date 24th January 1964].

97768. The Raja Bahadur Motilal Poona Mills Ltd. Improvements in or relating to counter-balancing system for facilitating the up and down movement of heavy bodies. [Divisional date 24th January 1964].

97769. Ciba Limited. Process for dyeing and printing material made from nickel-containing polyolefines.

97770. Fertilizer Corporation of India Limited. Reduction in fluorine content of gypsum cake obtained as by-product during the manufacture of phosphoric acid from rock phosphate and such other phosphatic materials by the wet method.

97771. R. T. Vanderbilt Company, Inc. Dithiocarbamates, their manufacture and use.

97772. Johnson & Johnson. Plastic ring dispenser.

97773. Stora Kopparbergs Bergslags Aktiebolag. Process for producing carbonaceous iron. [Addition to No. 84480].

97774. Allied Chemical Corporation. Process and apparatus for sulphonation of organic compounds.

97775. Allied Chemical Corporation. Process for the production of polyisocyanate compositions.

97776. I. R. Geigy A. G. Process for the production of dyestuffs of the diazine series.

97777. Hickson & Welch Limited. Chemical Compounds. (13th February 1964).

97778. J. I. D. Miguel. A method for the preparation of metallic elements reinforcement for constructional work in cement or reinforced concrete. [Addition to No. 67903].

97779. The Mining Engineering Company Limited. Improvements in or relating to idlers for belt conveyors. (21st February 1964).

97780. Indian Oxygen Limited. The treatment of metal. (7th February 1964).

97781. Eastman Kodak Company. Packaging tow.

97782. Japanese Consulting Institute. Manufacturing method of nitrophosphate compound fertilizer.

97783. The Udylite Corporation. Electrodeposition of zinc. (7th February 1964).

97784. Cudgen Rutile (No. 1) Pty. Ltd. Apparatus for use in the separation of mineral sands. (6th February 1964).

97785. Cudgen Rutile (No. 1) Pty. Ltd. Apparatus for use in the separation of mineral sands. (6th February 1964).

97786. Indian Plywood Manufacturing Company Limited. Improved decorative and figured boards as building boards and furniture boards and the like and process for manufacture of the same.

97787. M. N. Kansara. Improvements in or relating to food carriers.

97788. Indian Plywood Manufacturing Company Limited. Improved decorative and figured medium and high pressure laminates, boards and the like and process for manufacture of the same.

#### Alteration of date

89129. The claim to priority date 3rd August 1962 has been disallowed and the application dated as of 27th July 1963, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

87674. L. Horwitz. Building element. Accepted on 29th January 1965.

*Consisting of a synthetic material and constituted by a prefabricated hollow body composed of one or more section and having a varying cross-section and said varying cross-section being constituted by corrugations in its wall.*

87685. Rank Xerox Limited. Formation of images on dielectric layers. Accepted on 30th January 1965.

*Wherein the dielectric layer of a deformable such as viscous, material is deformed by means of electrostatic field into a pattern of alternating ridges and valley.*

88168. Continental Oil Company. Thermoelectric power generator. (3rd May 1963). Accepted on 5th February 1965.

*Comprising a thermocouple assembly with first junction in thermal communication with vaporizing liquid hydrocarbons, and second junction with the burning vaporized hydrocarbon.*

88245. Biviator SA. Improvements in current reversers. Accepted on 5th February 1965.

*Comprising a direct current source connected to input of a bridge circuit having controllable circuit elements in its branches and a consumer to the output of the same, and control circuits associated with the controllable elements.*

88304. Mineralimex Magyar Olaj-es Banyatermek Kukkereskedelmi Vallalat. Process for preparing dispersions of high grade of dispersity containing bentonite, caolinite, illite and allevardite. Accepted on 3rd February 1965.

*The framework and aggregates of the dispersion prepared in a known way graded by using a shearing effect combined with impact at shearing rates exceeding 500 sec<sup>-1</sup>; in case of calcium bentonites the cation exchange carried with sodium ions while or after employing the shearing effect.*

88543. Tecalemit (Engineering) Limited. Improvements in or relating to atomising devices. (22nd June 1962). Accepted on 30th January 1965.

*Having a releasably clamped nozzle device with liquid fuel and atomising fluid flow passages, further liquid fuel and atomising fluid flow passages, transverse fuel and atomising fluid flow port, valve devices for controlling flows and a common operating member.*

89111. Amarendra Nath Seal. Improvement in or relating to burner for kerosene wick stove. Accepted on 27th January 1965.

*Comprises an oxidiser, consisting of cylindrical chamber, two jackets and a vaporiser, a plurality of flattened sleeves, and a collar of V shape.*

89129. Boehringer Ingelheim GmbH. New esters of phosphoric acid, thiophosphoric acid and dithiophosphoric acid and the process for the preparation thereof. Accepted on 27th January 1965.

*Reacting diethyldithiophosphoric acid with α-chloro-α-methyl-β-mercaptopropanoic acid ethyl ester,*

89177. Shell Internationale Research Maatschappij N. V. Apparatus for contacting liquids and gases. Accepted on 30th January 1965.

*Inside of the lateral wall enclosing the mixing chamber there are one or more projections and beyond the projections there is located a vane deck imparting a rotary motion to the mixture of liquid droplets and gas.*

89179. Esso Research and Engineering Company. Process for separating normal paraffins from hydrocarbon mixtures. Accepted on 30th January 1965.

*Adsorbing n-paraffins in molecular sieve and recovering said paraffins by desorbing said paraffin from molecular sieve.*

89218. J. R. Geigy A. G. Process for the production of azo dyestuffs which are difficultly soluble in water and process for dyeing or printing textile materials therewith. Accepted on 1st February 1965.

*Reacting diazonium compound of polyamine having electrophilic substituent in O- and P-positions to amino group with 1-phenyl-3-methyl-5-aminopyrazole containing SO<sub>2</sub>OR group in phenylnucleus.*

89230. Ansor Corporation. A process for the production of metallic copper from copper sulfate solutions. Accepted on 1st February 1965.

*Copper sulfate solution treated with ammonia, the resulting complex treated sulfur dioxide and the resulting crystalline solid decomposed with sulfuric acid or by heating while treating with oxygen.*

89231. U. Takai. Method and means for producing a plastic fabric having integral pile-like projections. Accepted on 1st February 1965.

*Forcing a heated and molten thermoplastic material through a number of holes provided in a matrix under pressure whereafter the heating and pressure applying sources are removed, the material allowed to cool under pressure and subsequently the same is stripped from the said matrix.*

89257. The General Electric Company Limited. Improvements in or relating to germanium bodies. (9th August 1962). Accepted on 3rd February 1965.

*Having formed on the surface of the germanium body a coherent adherent layer of germanium dioxide having tetragonal crystal structure.*

89295. Shell Internationale Research Maatschappij N. V. Method of consolidating a permeable mass in particular round a bore hole in an underground formation. (8th August 1962) Accepted on 2nd February 1965.

*Preparing a solution of an epoxy compound and a curing agent and injecting the solution into the bore space.*

89321. Esso Research and Engineering Company. Polymeric multifunctional additives for lubricating oils, process for the production thereof and hydrocarbon oil compositions containing said polymeric additives. Accepted on 5th February 1965.

*Process for the production of an oil soluble polymeric additive comprising polymerizing (1) an ester of an aliphatic alcohol and an alpha, beta unsaturated dicarboxylic acid (2) an alkylene ester of a fatty acid and (3) a hydroxy alkyl acrylate.*

89324. Vapor Corporation. Improvements in or relating to steam generating boilers. Accepted on 30th January 1965.

*Boiler provided with overheat sensor and control employing a thermocouple integral with the steam outlet pipe and a control operated thereby that includes a magnetic amplifier an electronic triggering system to shut down the main burner if necessary.*

89328. The National Smelting Company Limited. Improvements in the extraction of zinc. (20th August 1962). Accepted on 5th February 1965.

*Introducing finely divided zinciferous and carbonaceous material, entraining them by a stream of oxygen, zinc being vaporised and non-volatile become molten then separating them; condensing zinc vapour.*

89353. The New York Air Brake Company. Impositive or yielding detents. Accepted on 1st February 1965.

*Adapted for a reciprocable member, relatively free of wear and binding, unlatchable on either of the two directions of motions of the member with same force.*

89469. Westinghouse Electric Corporation. Improvements in or relating to a winding for electrical inductive apparatus and transformers comprising the same. Accepted on 5th February 1965.

*Comprising plurality of coils connected in series, each coil of plurality of turns, the winding being divided into zones, conductor turns in the zones being interleaved and one zone having turn-to-turn insulation of smaller thickness than that between turns on another zone.*

89570. J. Szydłowski. Gas turbine fed with liquid and gaseous fuels. Accepted on 1st February 1965.

*Within aligned casings one or more axial compressors and/or one or more centrifugal compressors supplying an annular combustion chamber supplied, separately or simultaneously, with cross-streams of liquid fuel and natural gas through the medium of a unit regulating intake of both fuels.*

89572. Indian Oxygen Limited. Vacuum insulated vessels. (31st August 1962). Accepted on 1st February 1965.

*Comprising an inner container provided with a neck portion, an outer shell and at least a radiation shield.*

89640. American Flange & Manufacturing Co. Inc. Improvements in or relating to pail handles. Accepted on 1st February 1965.

*Includes a hand grip members and mounting members being in the form of U-shaped rod like, the legs of which pairs carrying interlocking means.*

89654. T. Sendzimir. Process and apparatus for producing a wide metal strip by rolling. Accepted on 1st February 1965.

*Introducing slab into the mill in the plane of strip delivery from the mill but atan appreciable angle to the direction of strip delivery wherein side ward component of the back thrust is taken up by a side guide.*

89808. Bata Shoe Company Private Limited. Improvements in the manufacture of plastic shoes and other articles of footwear. (19th September 1962). [Addition to No. 79714]. Accepted on 30th January 1965.

*Injecting predetermined quantities of fluent material into the fluent thermoplastic matter prior to the latter being brought to a transient gel condition in the injector.*

89838. Standard Telephones and Cables Limited. Electron tube amplifier. Accepted on 1st February 1965.

*Comprises first amplifier means, means to apply first frequency to it, second amplifier, means for supplying to it twice the frequency and load means.*

89848. Kyoritsu Noki Co. Ltd. An ejection pipe of powder spraying device. Accepted on 2nd February 1965.

*A plurality of light weight flap pieces attached to a string member disposed longitudinally inside a tubular electing pipe.*

89850. F. J. Marino. Portable loading canopy. (19th September 1962). Accepted on 30th January 1965.

*Having a plurality of inverted U-shaped frames interconnected by a plurality of linkage means to be moved toward and away from each other and a flexible cover secured to the top and side portions of said frames.*

89863. Phillips Petroleum Company. Improvements in or relating to the polymerization of butadiene. Accepted on 1st February 1965.

*Polymerization of 1,3-butadiene with a catalyst which forms or mixing components comprises an organo-metal component and iodine containing component effected in the presence of a norbornadiene.*

89874. Ciba Limited. New carboxylic acid amide dyestuffs and process for their manufacture. Accepted on 1st February 1965.

*Condensing  $HOR_4N_1$ ,  $N-R_1CONH.R_3$ , carboxylic acid halide with monoamine free from acidic groups,  $H_2N-R_4-NHCO-R_5$ ,  $R_1$ ,  $R_3$  standing for phenylene groups,  $R_2$  is naphthalene radical with azo, hydroxyl and carboxylic acid halide groups 1-, 2- and 3-position,  $R_3$  is aryl free of aroylamine groups and  $R_5$  is benzene radical substituted by halogen, alkyl, alkoxy, phenyl, nitro, cyan or carbalkoxy groups.*

89983. Ciba Limited. New anthraquinone dyestuffs, process for their manufacture, and pigmenting plastics and lacquers therewith. Accepted on 30th January 1965.

*1:5-diaminoanthraquinone is condensed with a 2:4-dihalogen benzoyl halide.*

90068. Farbensfabriken Bayer Aktiengesellschaft. A process for the production of sulphur trioxide. Accepted on 30th January 1965.

*Catalytically oxidising gases containing sulphur dioxide in a plurality of oxidation stages wherein sulphur trioxide is at least partially removed from the gas by intermediate absorption between two of the said oxidation stages.*

90100. N. K. Tchen. Special injecting tuyere for blast furnaces and cupola. Accepted on 2nd February 1965.

*Characterized in that it has a lance for injecting fuels or other materials and is located inside a sleeve with its point retracted behind the mouth of said sleeve.*

90158. Simonacca Limited. Apparatus adapted to exercise a control over the selective disposal of a variable mixture of discrete or comminuted solid materials. (16th October 1962). Accepted on 5th February 1965.

*Comprising bulk-sensing means for sensing bulk of mixture on a conveyor, weight-sensing means for sensing the weight of the mixture on the conveyor, and diverting means operable by a differential in signals from the bulk sensing means and weight-sensing means.*

90188. Sperry Rand Corporation. Parametric electronic device. Accepted on 5th February 1965.

*Comprising bias means coupled to magnetic element, a pump source coupled to magnetic element, a capacitor coupled to output winding and forming part of a resonant circuit, and a signal source coupled to the resonant circuit.*

90512. National Castings Company. Improvements in railway car trucks and friction wedges and side frames therefor. Accepted on 30th January 1965.

*The friction comprises a pair of converging walls and side walls joining the converging walls, wherein one of the side walls has a pin-receiving aperture at one side of a plane approximately bisecting the angle between the converging walls.*

90851. S. Smith & Sons (England) Limited. Improvements in or relating to aircraft instruments. (20th November 1962). Accepted on 5th February 1965.

*Comprising means for providing signal dependent upon acceleration of aircraft, means for providing a signal dependent upon rate of change of pitch attitude of the aircraft, and means responsive to both signals for providing indication.*

91131. Nippon Electric Company, Limited. Digital-analogue signal converter. Accepted on 5th February 1965.

*Comprises means responsive to one or more bits at higher digit portions in an input digital signal for generating a first portion of the output analogue signal, means responsive to the remaining bits, variable signal attenuator means connected to the output of the last mentioned analogue signal generating means; an output means for supplying as output analogue signal and means for generating first portion of output analogue signal.*

91214. Ciba Limited. New nitro dyestuff pigments and process for their manufacture. Accepted on 5th February 1965.

*An ortho-nitro-halogenoaryl compound is reacted with a diamine of the benzene or diphenyl series.*

91570. Braunschweigische Maschinenbauanstalt. Improvements in apparatus for extraction from plant materials. (7th October 1963). Accepted on 2nd February 1965.

*Comprises an unobstructed diffusion tower.*

#### Opposition Proceedings

An opposition has been entered by Virubhai Hathi-bhai Patel to the grant of a patent on application No. 86941, made by Sheik Mohd Sayed.

#### Correction of Clerical Errors

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical error occurring in the application and specification in respect of patent application No. 87602 has been corrected on the 22nd January 1965.

#### Patents Sealed

78685. 80032. 83930. 83974. 83992. 84034. 84593.  
84692. 84900. 84902. 84911. 85267. 85356. 85692.  
85710. 85719. 85836. 85987. 85991. 85993. 86009.  
86067. 86203. 86234. 86284. 86342. 86343. 86395.  
86444. 86454. 86580. 86591. 86634. 86677. 86707.  
86711. 86852. 87012. 87081. 87188. 87208. 87291.  
87407. 91066.

#### Amendment Proceedings

The amendment proposed by Chatham Manufacturing Co., in respect of patent application No. 86853 as advertised in the Gazette of India, Part III, Section 2, dated the 26th September 1964 has been allowed.

#### Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

55083	} Tube Investments of India Limited.
57545	
58367	
65350	} Yoshida Kogyo, K. K.
66738	
71741	} Dowty Mining Equipment Limited.
82036	
75194	} Improved Machinery Inc.
76098	
76291	
76299	
76323	
76399	
76400	
76566	}
76745	
84649	

77908 }  
 77952 } Illinois Toil Works Inc.  
 86414 }  
 78795 }  
 79200 }  
 79201 } Sprague Electric Company.  
 79202 }  
 79203 }

**Renewal Fees Paid**

42685. 42908. 42955. 43446. 44607. 44816. 44989.  
 45154. 45197. 45304. 45362. 45809. 46835. 46919.  
 46920. 46937. 47088. 47114. 47204. 47454. 48177.  
 48604. 48878. 48893. 48953. 48954. 48955. 48986.  
 49009. 49088. 49135. 49136. 49137. 49167. 49190.  
 49479. 49697. 49832. 49833. 50938. 51044. 51171.  
 51180. 51224. 51244. 51245. 51263. 51303. 51377.  
 51463. 51586. 51652. 51676. 51696. 51737. 51769.  
 51949. 51973. 53558. 53681. 53697. 53713. 53732.  
 53739. 53815. 53914. 53988. 53989. 54001. 54051.  
 54074. 54206. 54332. 54333. 54389. 54632. 54843.  
 56139. 56417. 56435. 56521. 56582. 56602. 56608.  
 56702. 56716. 56733. 56735. 56769. 56772. 56802.  
 56828. 56856. 56907. 56927. 57063. 57308. 57309.  
 57548. 59565. 59602. 59603. 59689. 59722. 59880.  
 59946. 59970. 59971. 60116. 60213. 60413. 60978.  
 60999. 61120. 62669. 62901. 63046. 63093. 63142.  
 63171. 63179. 63247. 63303. 63365. 63396. 63397.  
 63401. 63404. 63414. 63461. 63584. 63587. 63871.  
 64216. 65031. 66059. 66353. 66368. 66582. 66602.  
 66608. 66618. 66631. 66687. 66701. 66714. 66721.  
 66758. 66815. 66830. 66839. 66867. 66868. 66933.  
 67002. 67016. 67093. 67114. 67127. 67184. 67194.  
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 82621. 83584. 85045.

**Cessation of Patents**

42139. 42811. 42812. 43899. 43946. 43992. 43993.  
 46069. 48315. 48319. 48605. 50534. 50548. 50578.  
 53004. 58717. 58745. 59665. 62058. 62060. 62082.  
 62101. 62116. 65586. 65602. 65637. 65653. 65690.  
 69439. 69440. 69442. 69452. 69461. 69466. 69467.  
 69472. 69473. 69477. 69487. 69500. 69516. 69523.  
 69524. 69526. 69532. 73774. 73800. 73806. 73807.  
 73811. 73812. 73827. 73847. 73887. 73892. 73904.  
 73913. 73915. 73922. 73934. 78962. 79081. 79082.  
 79136.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 123616 to 123619. Regal Clip Works, 144, First Chinch Bunder Road, (Ground Floor), Khadak, Bombay-9, Maharashtra, an Indian Partnership Firm, "Clips", September 30, 1964.

Class 3. No. 123520. Doulat Ram Balani, C/o Aey Gee Bros, 211, Nagdevi Street, Jamal Building, 3rd; floor, Bombay-3, Maharashtra State, "Ash tray", September 21, 1964.

Class 13. Nos. 123734 to 123736. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", October 17, 1964.

Class 13. Nos. 123749 to 123765. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", October 21, 1964.

Class 13. Nos. 124040 and 124042. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay-12, Nationality-Indian Business concern (Private Limited Company), "Textile goods including silks and art-silk piece-goods", November 23, 1964.

Class 13. Nos. 124045 to 124051, 124053 to 124059, 124061 to 124082 and 124084 to 124086. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", November 25, 1964.

Class 13. Nos. 124303, 124306 and 124308. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills, Vasant Vijay, 470/471, Worli Road, Bombay-18, (India), "Textile goods", December 16, 1964.

A. JOGARAO  
Controller General of Patents,  
Designs and Trade Marks